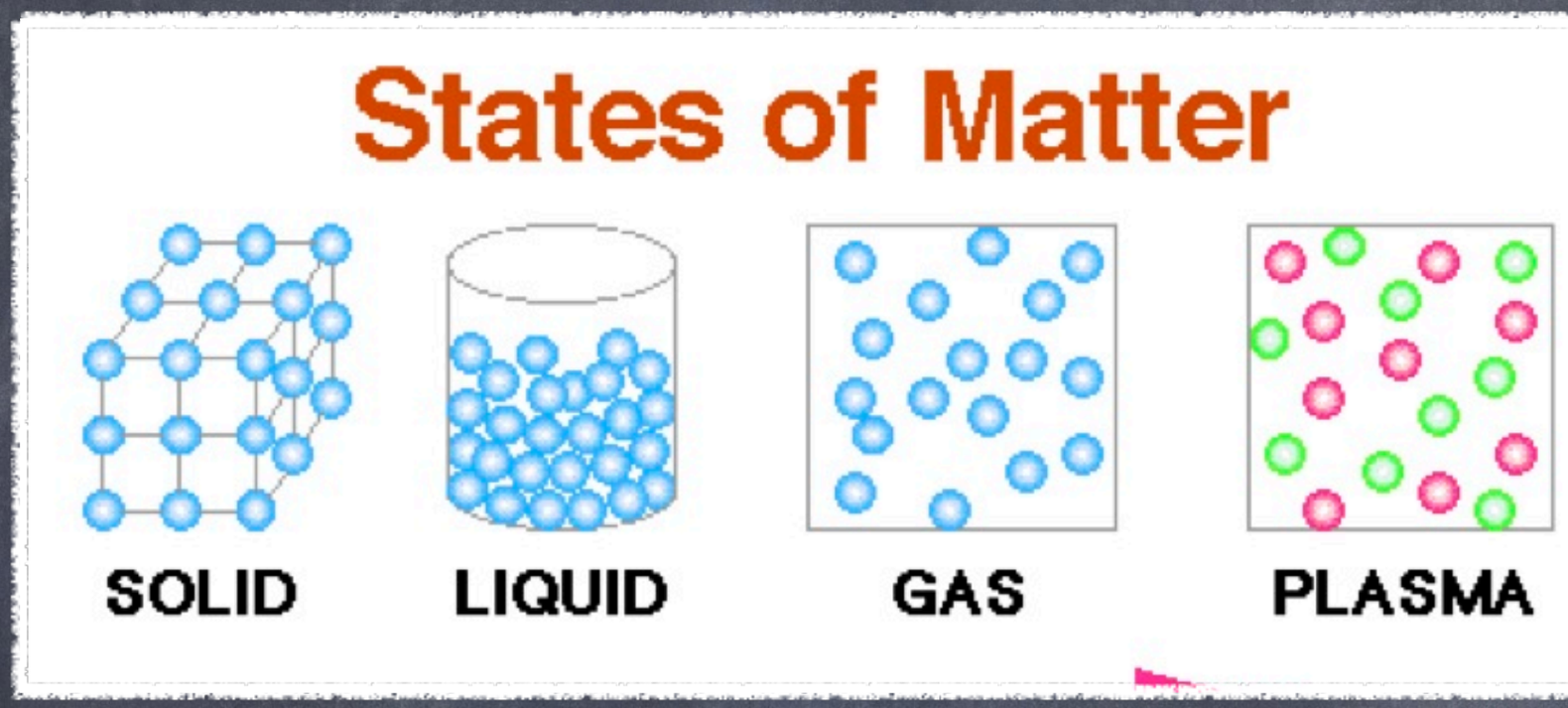


Solid, liquid, gas, and plasma

Solid liquid and Gas and plasma all states of matter

All Have molecules

Solid

Solid are tightly packed and vibrate they can't move that much they only vibrant this one of the one soild

Liquid

Liquid molecules are freely but move slow here is one of them
water is a liquid

Gas

Gas have molecules they are free and move fast that what gas looks like

Plasma

Plasma are the common part of the world that we live in allows then exist

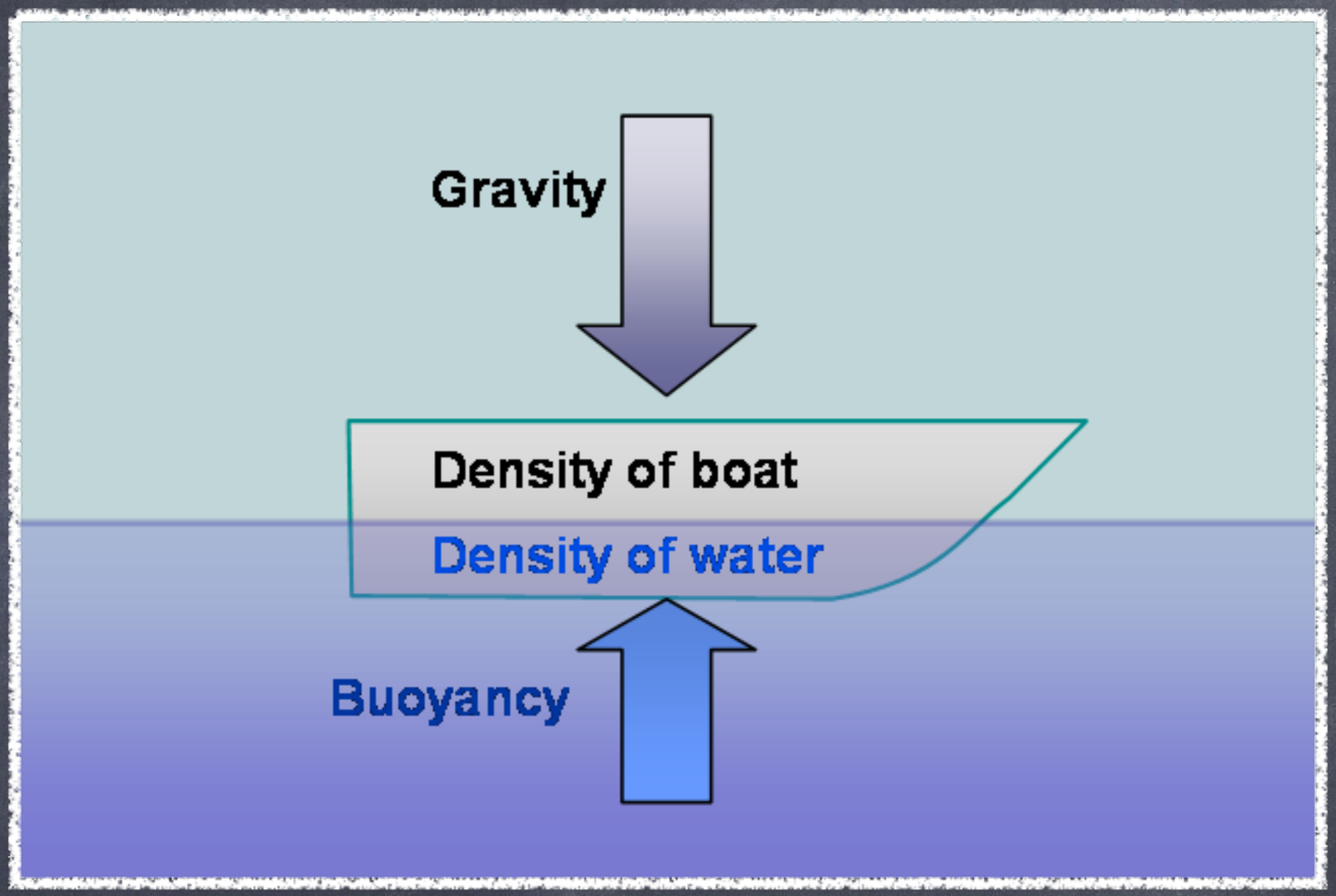
Matter

Matter is everything you blood is made out of matter your bones are made out of matter Everything is matter!

mass → kg

Mass

Mass is anything that take up space



Buoyancy

Buoyancy means the upward force and the down ward force

Mixture

A mixture is two or more element combined. Each mixture keeps it original properties. Solution is a mixture that is blended completely. Examples of mixture are vegetables, salt water, and grape juice. A mixture can be separated by

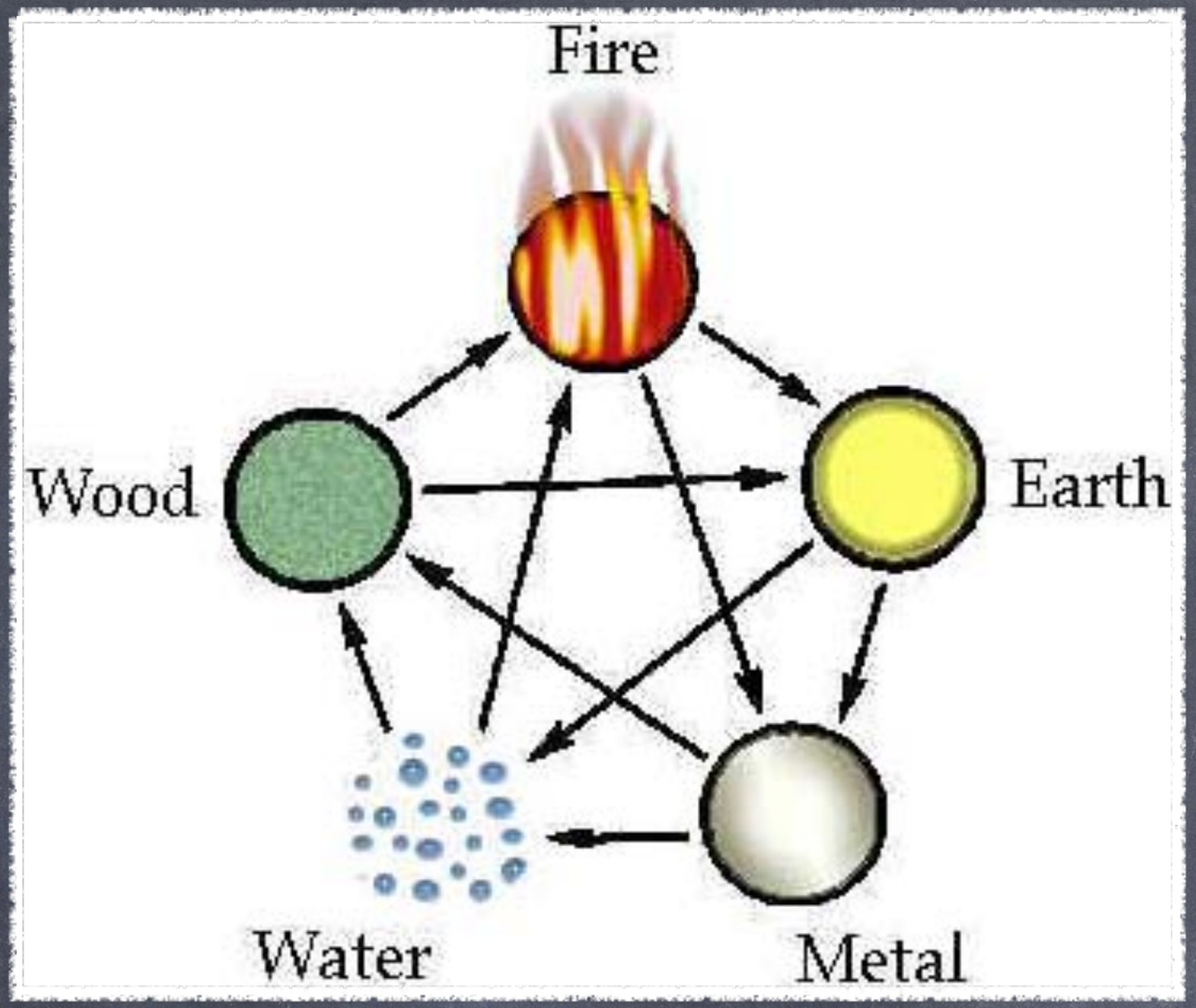
1. Sort by picking
2. filter
3. Evaporation

Alloy

A mixture of two or more elements one must be metal. Mixing metal with another element can make it stronger

Chemical change

Energy ether takes in or gives off energy. Changes in matter itself (start with one kind of matter and end with another. The new matter has properties different than the matter you start with. Some examples of chemical changes are penny + vinegar vapor crates copper acetate



Element

Made up of only one type of matter. Building blocks of matter. Examples are gold, silver, oxygen

SOLID

LIQUID

GAS

Physical Change

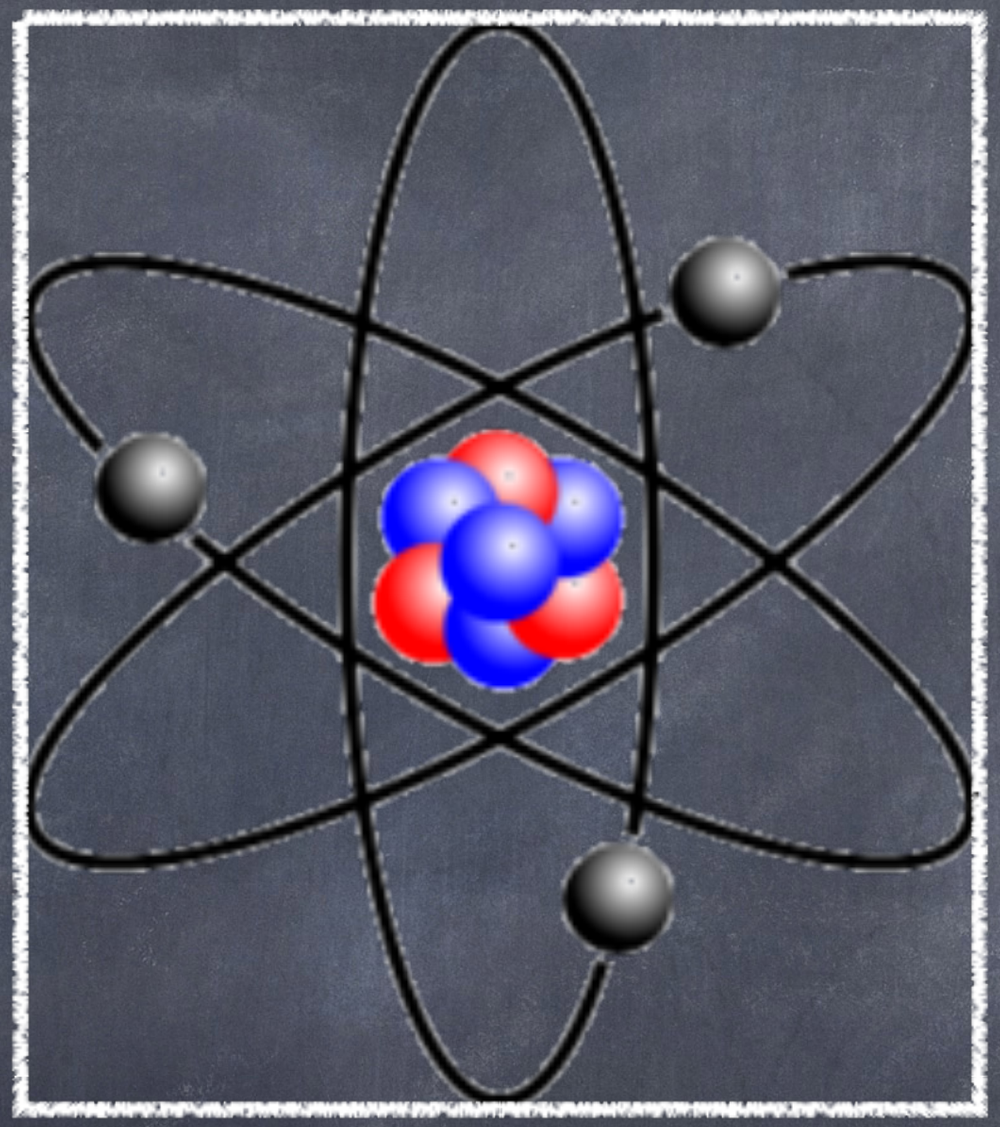
Begins and end with the same type of matter. Heat energy and lose of heat energy can change it state. Mass of the object stay the same. 4 types

1.size and shape

2. Change in texture

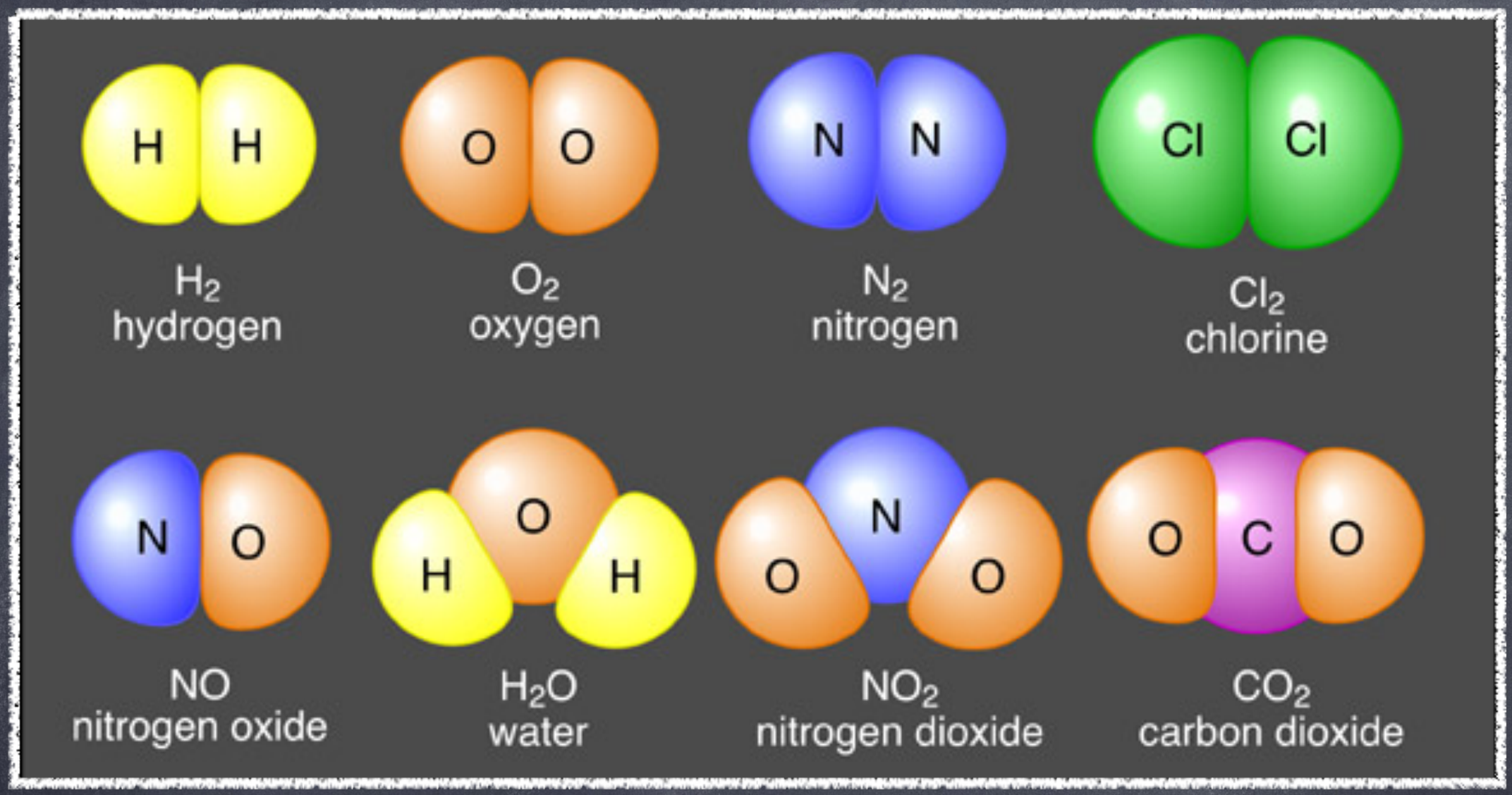
3. Change in position

4. Change in state



Atoms

Atoms of one element are all alike. Atoms are the smallest particles of an element.



Compound

Forms when two or more elements are combines chemically. Each element loses it property when combined. Examples are: salt, sugar